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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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KOPPEL, PATRICK & HEYBL 555 ST. CHARLES DRIVE SUITE 107 THOUSAND OAKS, CA 91360			EXAMINER LERNER, MARTIN	
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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/040,653	Applicant(s) CASCONI ET AL.	
	Examiner Martin Lerner	Art Unit 2654	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 February 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 to 14 and 16 to 50 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 6 to 8 is/are allowed.
- 6) ☒ Claim(s) 1 to 5, 9 to 14, and 16 to 50 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1 to 5, 9 to 14, 16 to 48, and 50 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claims contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventors, at the time the application was filed, had possession of the claimed invention.

Independent claims 1, 35, and 50 set forth the limitations of “initiations of immediately successive simpler sound events” and “independent of the kinds of simpler sound events embodied by said immediately successive simpler sound events”, which limitations involve new matter. The Specification, as originally disclosed, does not provide a written description of what constitutes “an initiation of immediately successive simpler sound event” or being “independent of the kinds of simpler sound events embodied by said immediately successive simpler sound events”, either expressly or implicitly. Applicants are predicated patentability on these features, but these features are not expressly disclosed. Nor does the originally-filed Specification provide any guidance as to the scope or meaning of “an immediately successive simpler sound event”. Also, there is no expressed or implied disclosure in Applicants’ originally-filed

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Specification of simpler sound events being independent of the kinds of simpler sound events.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 to 4, 9 to 14, 16 to 26, and 28 to 50 are rejected under 35 U.S.C. 102(b) as being anticipated by *Severson et al.* ('431).

Regarding independent claim 1, *Severson et al.* ('431) discloses a method of synthesizing sound, comprising:

“generating a plurality of different kinds of simpler sound events in a sequence of simpler sound events, with repetitive occurrences of at least some of said kinds” – a 32-second segment of a continuous sound record is broken into a number (say 4) of equal segments (column 4, line 64 to column 5, line 12); an example of a logically sequenced sound (LSS) involves a random sequence of cows mooing, stomping and eating sounds, a dog-barking record, kids yelling, and sound of a trough filling with water (column 7, line 55 to column 8, line 16); each of these sounds is one of “a plurality of different kinds of simpler sound events in a sequence of simpler sound events”;

“with random time delays between initiations of immediately successive simpler sound events in said sequence, independent of the kinds of simpler sound events

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embodied by said immediately successive simpler sound events” – a Random Sequenced Sound (RSS) might choose to have the next segment to be played from a Uniform distribution, with an equal number of 1’s, 2’s, 3’, and 4’s in a random sequence; or RSS might choose the segments from a Weighted Uniform distribution that might play as {1, 4, 1, 1, 3, 1, 1, 2, 2, 1, 1, 1 . . . etc.} (column 5, lines 13 to 30); a random sequence of 1’s, 2’s, 3’s, and 4’s produces “random time delays between their initiations” because the time between any two occurrences of any one of the sounds, i.e. 2’s, is random; although some examples involve making a likelihood of one sound depend upon another sound (column 8, lines 5 to 21), sounds for a uniform distribution are produced randomly, and so are “independent of the kinds of simpler sound events embodied by said immediately successive simpler sound events” (column 5, lines 13 to 30);

“combining said successive simpler sound events into said complex sound” – Random Sequenced Sound is generated by selecting, playing, and repeating sound segments (column 2, lines 59 to 67).

Regarding independent claim 35, *Severson et al.* (‘431) discloses a method of synthesizing sound, comprising:

“generating a sequence of simpler sound events with random time delays between the initiations of immediately successive simpler sound events in said sequence, independent of the kinds of simpler sound events embodied by said immediately successive simpler sound events” – a 32-second segment of a continuous

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sound record is broken into a number (say 4) of equal segments; a Random Sequenced Sound (RSS) might choose to have the next segment to be played from a Uniform distribution, with an equal number of 1's, 2's, 3's, and 4's in a random sequence as {1, 3, 2, 4, 2, 2, 2, 4, 1, 3 . . . etc.}; or RSS might choose the segments from a Weighted Uniform distribution that might play as {1, 4, 1, 1, 3, 1, 1, 2, 2, 1, 1, 1 . . . etc.} (column 5, lines 13 to 30); a random sequence of 1's, 2's, 3's, and 4's produces "random time delays between their initiations" because the time between any two occurrences of any one of the sounds, i.e. 2's, is random; although some examples involve making a likelihood of one sound depend upon another sound (column 8, lines 5 to 21), sounds for a uniform distribution are produced randomly, and so are "independent of the kinds of simpler sound events embodied by said immediately successive simpler sound events" (column 5, lines 13 to 30);

"controlling said simpler sound events in accordance with one or more sound event parameters" – memory 403 contains sound records and programming for performing functions of sound record selection based on an overall "story line" that defines the theme to be played out; a software language allows for definitions of instructions for the Random Sequenced Sound (RSS) programs (column 12, lines 54 to 67); a line of program code may be "002 PlayRecord (Random3, 12)" where "Random3" indicates the kind of probability function that is used on "Group 12" recordings (column 13, lines 8 to 13);

"selecting the values of said sound event parameters in accordance with respective input parameters having random distributions" – each distribution would have

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a set of arguments to define its characteristics; for instance, a Gaussian distribution would be defined by its mean and standard deviation; kinds of probability functions are 1. Gaussian, 2. chi-squared, 3. uniform etc. (column 13, line 8 to 21);

“combining said simpler sound events into said complex sound” – Random Sequenced Sound is generated by selecting, playing, and repeating sound segments (column 2, lines 59 to 67).

Regarding independent claim 49, *Severson et al.* ('431) discloses a method of synthesizing sound, comprising:

“generating a plurality of different kinds of simpler sound events with respective delays between the trigger times of successive simpler sound events in said sequence, and with repetitive occurrences of each kind” – a 32-second segment of a continuous sound record is broken into a number (say 4) of equal segments (column 4, line 64 to column 5, line 12); Random Signal Generator 303 and Clock 311 provide signals to Digital Sound Generator 306 to control when random sound effects are played (column 11, lines 20 to column 12, line 17); signals from Random Signal Generator 303 and Clock 311 act as “trigger times”;

“establishing respective time delays between the trigger times of at least some of said kinds of simpler sound events independent of the durations of said simpler sound events, and independent of the kinds of simpler sound events embodied by said at least some simpler sound events” – a Random Sequenced Sound (RSS) might choose to have the next segment to be played from a Uniform distribution, with an equal number

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of 1's, 2's, 3', and 4's in a random sequence; or RSS might choose the segments from a Weighted Uniform distribution that might play as {1, 4, 1, 1, 3, 1, 1, 2, 2, 1, 1, 1 . . . etc.} (column 5, lines 13 to 30); implicitly, a random sound effect is "independent of their respective durations" because the overall duration of sound effect is fixed in a library of sound effects, but a time distribution for insertion is random (column 7, line 55 to column 8, line 5); although some examples involve making a likelihood of one sound depend upon another sound (column 8, lines 5 to 21), sounds for a uniform distribution are produced randomly (column 5, lines 13 to 30);

"combining said simpler sound events into said complex sound" – Random Sequenced Sound is generated by selecting, playing, and repeating sound segments (column 2, lines 59 to 67).

Regarding independent claim 50, *Severson et al.* ('431) discloses a method of synthesizing sound, comprising:

"generating a succession of simpler sound events with random delays between the triggering of immediately successive simpler sound events that are independent of the respective durations of said sound events, and independent of the kinds of simpler sound events embodied by said successive simpler sound effects" – a 32-second segment of a continuous sound record is broken into a number (say 4) of equal segments (column 4, line 64 to column 5, line 12); a Random Sequenced Sound (RSS) might choose to have the next segment to be played from a Uniform distribution, with an equal number of 1's, 2's, 3', and 4's in a random sequence as {1, 3, 2, 4, 2, 2, 2, 4, 1, 3 .

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. . etc.}; or RSS might choose the segments from a Weighted Uniform distribution that might play as {1, 4, 1, 1, 3, 1, 1, 2, 2, 1, 1, 1 . . . etc.} (column 5, lines 13 to 30);

Random Signal Generator 303 and Clock 311 provide signals to Digital Sound Generator 306 to control when random sound effects are played (column 11, lines 20 to column 12, line 17); signals from Random Signal Generator 303 and Clock 311 act as “trigger times”; implicitly, a random sound effect is “independent of their respective durations” because the overall duration of sound effect is fixed in a library of sound effects, but a time distribution for insertion is random (column 7, line 55 to column 8, line 5); although some examples involve making a likelihood of one sound depend upon another sound (column 8, lines 5 to 21), sounds for a uniform distribution are produced randomly, and so are “independent of the kinds of simpler sound events embodied by said successive simpler sound events” (column 5, lines 13 to 30);

“controlling said simpler sound events in accordance with one or more sound event parameters” – memory 403 contains sound records and programming for performing functions of sound record selection based on an overall “story line” that defines the theme to be played out; a software language allows for definitions of instructions for the Random Sequenced Sound (RSS) programs (column 12, lines 54 to 67); a line of program code may be “002 PlayRecord (Random3, 12)” where “Random3” indicates the kind of probability function that is used on “Group 12” recordings (column 13, lines 8 to 13);

“selecting the values of said sound event parameters in accordance with respective input parameters having random distributions” – each distribution would have

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a set of arguments to define its characteristics; for instance, a Gaussian distribution would be defined by its mean and standard deviation; kinds of probability functions are 1. Gaussian, 2. chi-squared, 3. uniform etc. (column 13, line 8 to 21).

Regarding claims 2 and 36, *Severson et al.* ('431) discloses a uniform distribution having on average an equal number of 1's, 2's, 3's, and 4's in a long sequence (column 5, lines 12 to 21); if the number and kinds of segments are uniform over a long sequence, then the average rate of each segment is constant.

Regarding claims 3 and 37, *Severson et al.* ('431) discloses that to further increase the depth and realism of continuous sound animation it is possible to have one or more aspects of the sound generation and sequencing be responsive to various events or inputs; examples of events to which responsiveness might be appropriate are the passage of time, the coincidence with some other sound effect, or a control signal received from another RSS/LSS sound unit; the idea is that some aspect of the sound generation changes (such as the frequency of use of a sound segment) (column 8, line 62 to column 9, line 16).

Regarding claims 4 and 38, *Severson et al.* ('431) discloses both uniform distributions (column 5, lines 12 to 21) and event-responsive RSS or LSS (column 8, line 62 to column 9, line 16).

Regarding claim 9, *Severson et al.* ('431) discloses segments can be played back as: {1, 2, 3, 4, 1, 2, 3, 4 . . . , etc.} (column 4, line 64 to column 5, line 12); a fixed,

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ordered sequence 1, 2, 3, 4 provides "random time delays are predetermined for at least some of said kinds of simpler sound events."

Regarding claims 10, 24, 28, and 44 to 46, *Severson et al.* ('431) discloses that to further increase the depth and realism of continuous sound animation it is possible to have one or more aspects of the sound generation and sequencing be responsive to various events or inputs; examples of events to which responsiveness might be appropriate are the passage of time, the coincidence with some other sound effect, or a control signal received from another RSS/LSS sound unit; the idea is that some aspect of the sound generation changes (such as the frequency of use of a sound segment) (column 8, line 62 to column 9, line 16).

Regarding claim 11, *Severson et al.* ('431) discloses a uniform distribution having an equal number of 1's, 2's, 3's and 4's played as {1, 3, 2, 4, 2, 2, 2, 4, 1, 3, 4 . . . etc.} (column 5, lines 12 to 21); time delays between each kind of segment are according to a probability distribution being selected as a uniform distribution beforehand.

Regarding claims 12 and 30, *Severson et al.* ('431) discloses the functions of random generation may be programmed by a user (column 12, lines 54 to 67).

Regarding claims 13, 25, and 26, *Severson et al.* ('431) discloses line code for a program defines parameters "(Random3, 12)" or "Random 1(m,s)" for a kind of probability function, mean, and standard deviation (column 13, lines 6 to 21).

Regarding claims 14 and 39, *Severson et al.* ('431) discloses music rhythm synthesis, where rhythm notes may have a random aspect to the specific note (such as volume, pitch or timbre) (column 9, lines 52 to 59).

Regarding claims 16 to 18, 21 to 23, and 40 to 43, *Severson et al.* ('431) discloses line code for a program defines parameters "(Random3, 12)" or "Random 1(m,s)" for a kind of probability function, mean, and standard deviation; each distribution would have a set of arguments to define its characteristics; for instance, a Gaussian distribution would be defined by its mean and standard deviation; kinds of probability functions are "1. Gaussian, 2. chi-squared, 3. uniform etc." (column 13, lines 6 to 21).

Regarding claim 29, *Severson et al.* ('431) discloses producing sound effects for games (column 3, line 44; column 8, line 62 to column 9, line 16).

Regarding claim 31 and 32, *Severson et al.* ('431) discloses line code for a program defines parameters "(Random3, 12)" or "Random 1(m,s)" for a kind of probability function, mean, and standard deviation; mean "m" or standard deviation "s" may be specified as preset values or they may be computed or selected based on the present state of the program (column 13, lines 6 to 21); a mean of a probability distribution is a "predetermined average value"; if a mean is computed based on the present state of the program, then the mean is "varied during the course of generating a complex sound event."

Regarding claim 33, *Severson et al.* ('431) discloses sound events are stored in Sound Record Memory 307 (column 11, lines 52 to 65: Figure 3); synthesizing sound from a digital memory is equivalent to "a digital wavetable synthesizer."

Regarding claim 34, *Severson et al.* ('431) discloses microprocessor 401 is connected through internal D/A 405 and A/D 406 (column 12, lines 22 to 36: Figure 4); A/D converter 406 allows external analog signals to be applied directly to

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microprocessor 401 for analog control of its behavior (column 12, lines 51 to 53); synthesizing sounds under control of an analog signal is equivalent to "an analog sound synthesizer".

Regarding claims 47 and 48, similar considerations apply as independent claims 49 and 50, as noted above.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over *Severson et al.* ('431) in view of *Borza et al.*

Severson et al. ('431) suggests Random Sequenced Sound (RSS) may be generated as a timing signal from a Random Signal Generator 303, where a random signal is based on noise generated in electrical circuitry. (Column 12, Lines 7 to 17) It is known that noise generated in electrical circuitry is white noise. However, *Severson et al.* ('431) omits establishing a random time distribution in accordance with white noise crossing a predetermined threshold. *Borza et al.* teaches a random number generator, where noise values above a predetermined value are defined as "1" bits while those values below a predetermined value are defined as "0" bits. White noise is used to produce "1" and "0" bit values. (Column 6, Lines 20 to 31; Column 7, Lines 41 to 67:

Figures 4a to 4e) It is suggested that a random number generator based on white noise compared to a predetermined value has an advantage of providing a cost effective means of generating a random number. (Column 2, Lines 39 to 42). It would have been obvious to one having ordinary skill in the art to provide a random noise generator based upon comparing white noise to predetermined values as taught by *Borza et al.* in the method of synthesizing sound of *Severson et al.* ('431) for the purpose of cost effectively generating random numbers.

Claims 19, 20, and 27 are rejected under 35 U.S.C. 103(a) as being unpatentable over *Severson et al.* ('431) in view of *Severson et al.* ('318).

Severson et al. ('431) discloses selecting probability distributions as program code for "Random 1(m,s)", defining "m" as a desired mean and "s" as a desired standard deviation. (Column 13, Lines 14 to 21) However, *Severson et al.* ('431) omits user selectable minimum and maximum values for parameters, where a random parameter value is selected if a parameter value does not fall within maximum and minimum values. *Severson et al.* ('318) teaches a detect counter for resetting when a predetermined minimum or maximum is reached (column 13, line 54 to column 14, line 2), and where a random mode is triggered when a count is less than a predetermined minimum value (column 15, lines 46 to column 16, line 6). It is suggested that providing a voice selection mode as random or triggered varies cow sounds between quiet and contented or progressively more agitated as motion is detected. (Column 3, Lines 18 to 30) It would have been obvious to one having ordinary skill in the art to provide

minimum and maximum parameter values to set a random parameter as taught by *Severson et al.* ('318) in the method to synthesize sound of *Severson et al.* ('431) for the purpose of varying sounds in response to motion.

Allowable Subject Matter

Claims 6 to 8 are allowed.

Response to Arguments

Applicants' arguments filed 08 February 2006 have been fully considered but they are not persuasive.

Firstly, Applicants argue that *Severson et al.* ('431) only produces randomly varying the time delays between sound events of the same kind. This position is not persuasive.

Severson et al. ('431) discloses embodiments where individual sound segments are produced by a random distribution as randomly sequenced sound. It is true that some embodiments involve increasing the likelihood of some sounds as dependent on other sounds by logically sequenced sounds (LSS). (Column 7, Line 55 to Column 8, Line 29) However, in general, a random occurrence of each sound segment is independent of every other sound segment for a uniform distribution of a randomly sequenced sound (RSS). (Column 5, Lines 13 to 21) Thus, one type of sound segment, e.g. segment '1' is independent of an occurrence of another of the same kind of sound segment '1' in a sequence, as well as being independent of an occurrence of

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any different kind of sound segments '2' in a sequence. It is simply the nature of randomness of a uniform distribution that all events are random, whether between a same kind of sound segment or between different kinds of sound segments.

Secondly, Applicants argue that *Severson et al.* ('431) only discloses that the time at which each immediately successive segment in the overall sequence beings is right at the end of the previous segment. Accordingly, Applicants argue that there is no randomness as to when immediately successive segments occur in time, and randomness attaches only to the time delays between repeats of the same kind of segment. This position is traversed.

It is respectfully submitted that Applicants' amended limitation of "initiations of immediately successive simpler sound events" involves new matter, as the limitation is neither expressly nor implicitly disclosed by the originally-filed Specification. Applicants are attempting to add a limitation to their claims to support an interpretation that has no basis in their Specification, and are predicated patentability on the unsupported limitation. The scope of the limitation of "initiations of an immediately successive simpler sound event" is unclear, and Applicants' Specification does not provide any clarity on a scope to be accorded to this new limitation. At the same time, Applicants are saying that the limitation of "an immediately successive simpler sound event" is what makes their claims patentable. Similarly, Applicants' Specification does not say, either expressly or implicitly, that the events are "independent of the kinds of simpler sound events embodied by said immediately successive simpler sound events." There is no disclosure in Applicants' originally-filed Specification that either the same or

different kinds of sound events are dependent or independent of one another.

Applicants say support for the limitations is found on Pages 6 to 8 of the Specification.

However, these pages were reviewed, but do not provide any express or implied support for these limitations.

Moreover, *Severson et al.* ('431) does disclose that initiations of immediately successive simpler sound events are independent for a uniform distribution. *Severson et al.* ('431) says, at times, "a given segment might not appear for quite some time. This is simply the nature of a random process – unpredictability, except in terms of averages." (Column 5, Lines 18 to 22) Thus, an initiation of either a same type of sound segment or a different type of sound segment is random with respect to any initiation of a sound segment because all events are random for a uniform distribution. If any given segment might not appear again for anything but a random time, then any initiation of an immediately successive sound segment is random.

Therefore, the rejections of claims 1 to 5 and 9 to 14, 16 to 48, and 50 under 35 U.S.C. §112, 1st Paragraph, as failing to comply with the written description requirement, of claims 1 to 4, 9 to 18, 21 to 26, and 28 to 50 under 35 U.S.C. §102(b) as being anticipated by *Severson et al.* ('431), of claim 5 under 35 U.S.C. §103(a) as being unpatentable over *Severson et al.* ('431) in view of *Borza et al.*, and of claims 19, 20, and 27 under 35 U.S.C. 103(a) as being unpatentable over *Severson et al.* ('431) in view of *Severson et al.* ('318), are proper.

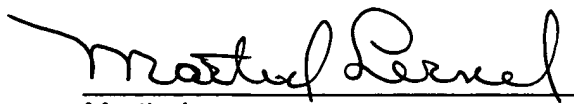
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Martin Lerner whose telephone number is (571) 272-7608. The examiner can normally be reached on 8:30 AM to 6:00 PM Monday to Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David R. Hudspeth can be reached on (571) 272-7843. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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2/21/06


Martin Lerner
Examiner
Group Art Unit 2654